

Our Journey

Disrupting Ourselves

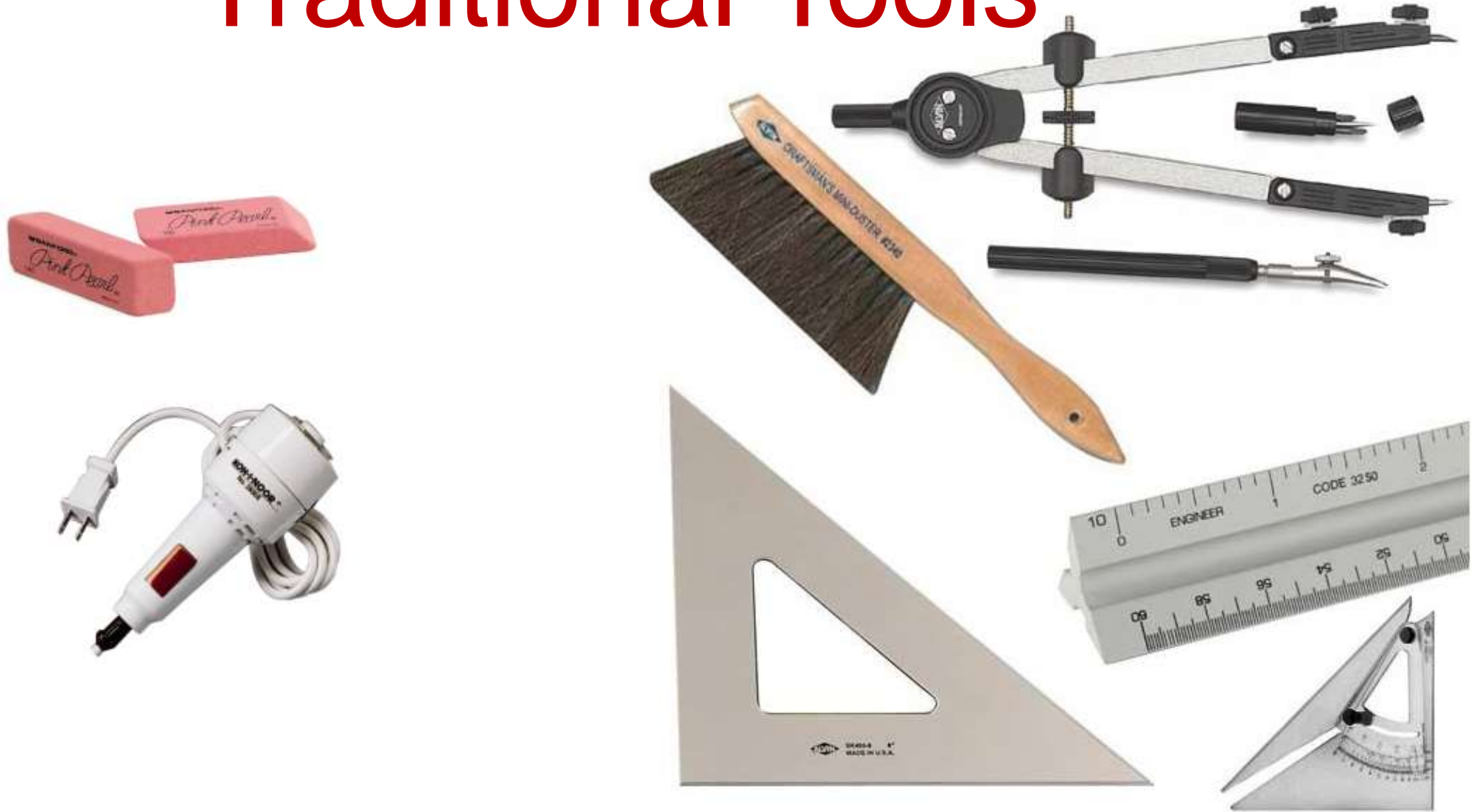
Patrick MacLeamy, FAIA

Chairman, buildingSMART International
Chairman Emeritus, HOK

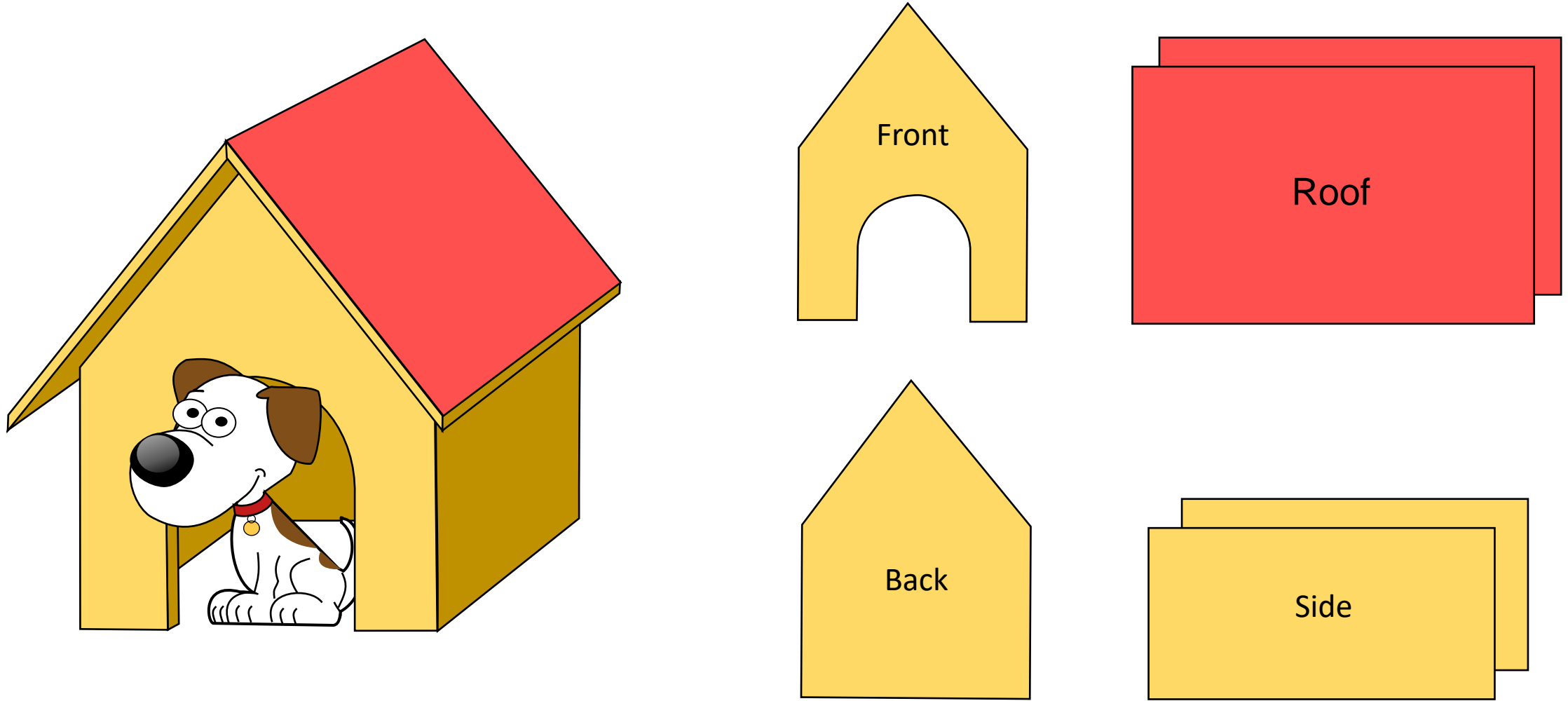
Traditional Training

Describe 3D Objects with 2D Drawings

Traditional Tools



Traditional Process





Traditional Data Storage

Big Projects Demand More!



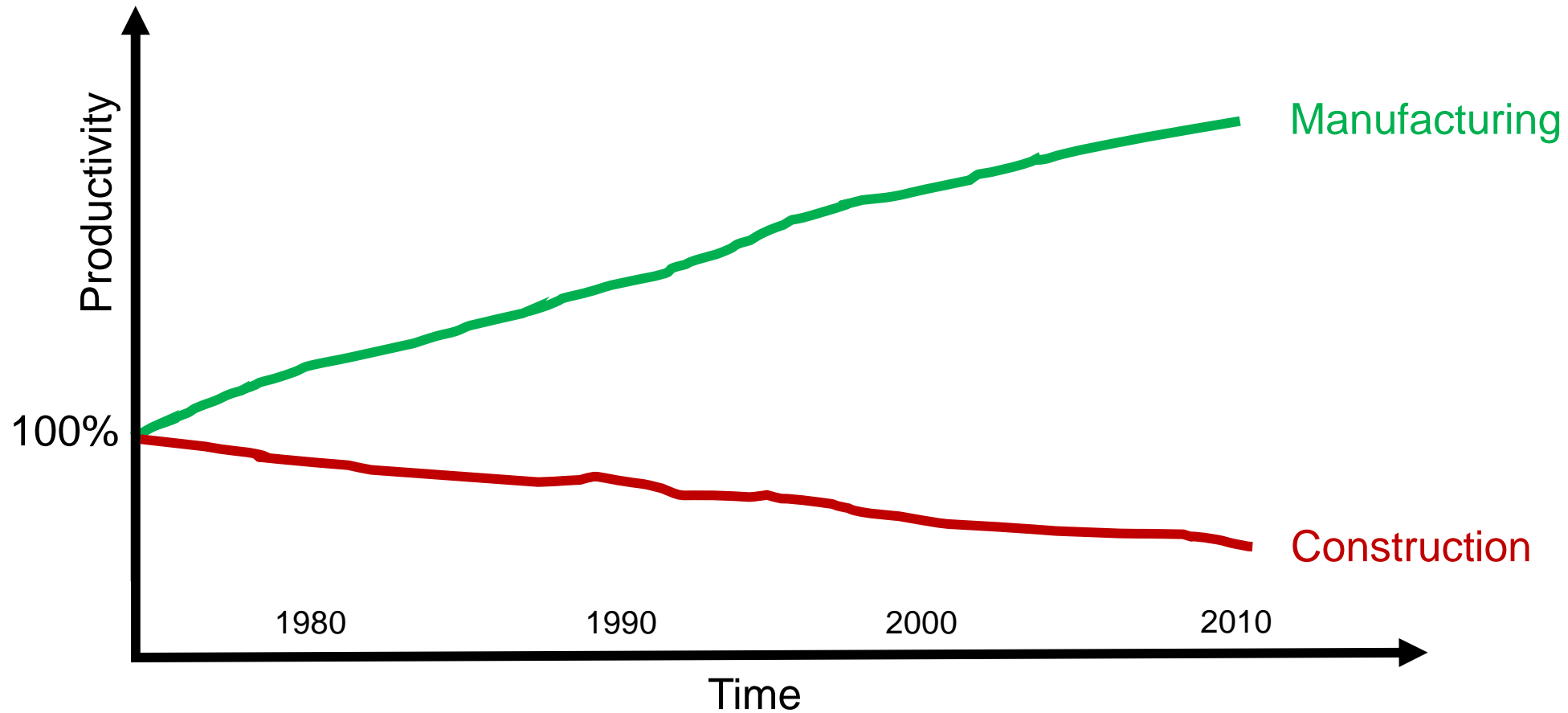
Building Industry Issues

Energy Use: Buildings use 40% of Total Energy

Solid Waste: Buildings use 40% of Landfill Space

Productivity: Building *Productivity going down*

Construction vs Manufacturing



Building Industry at Crossroads

Transform from Within

or.....

Be *CRUSHED by DISRUPTORS*

DISRUPTORS

Who are they?

Disruptors

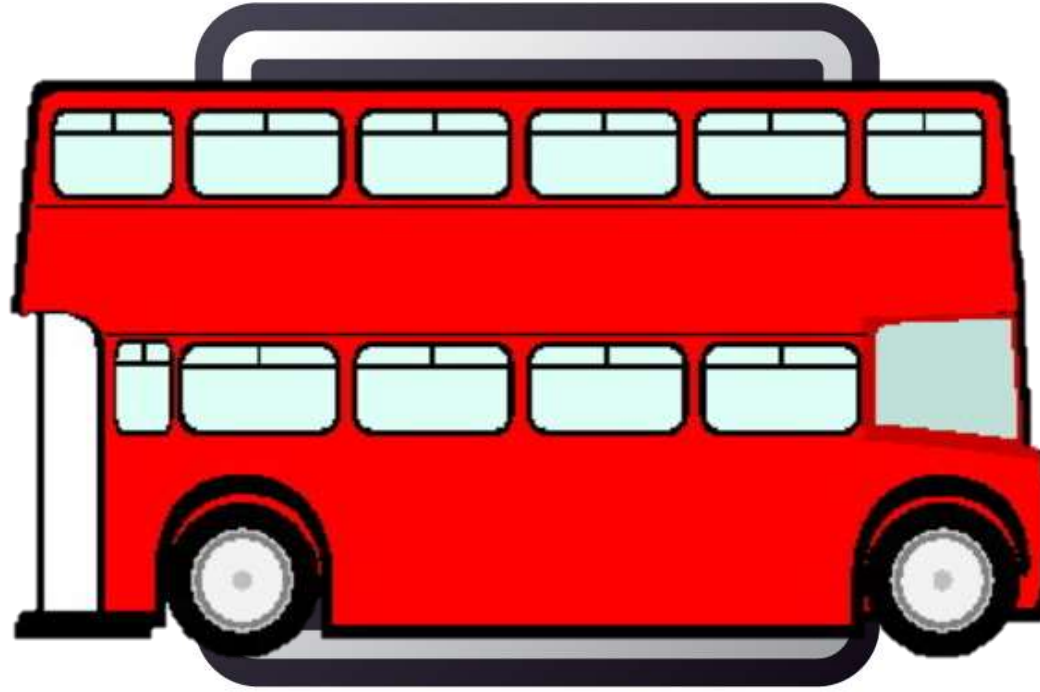


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Disruptors



Disruptors



U B E R

Our Disruptor?



buildingSMART Mission



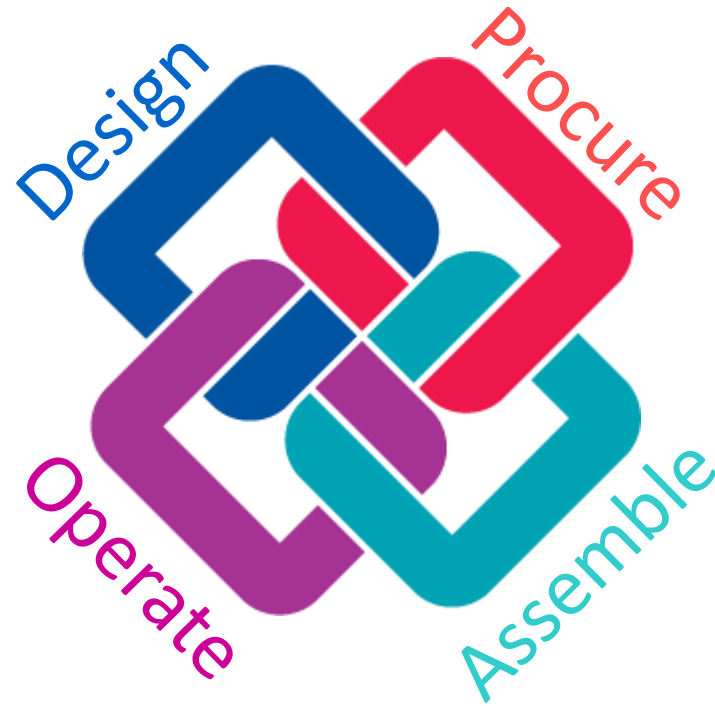
Create & Support *Open* Digital Standards

buildingSMART Character



Open, Neutral, Collaborative

buildingSMART Scope



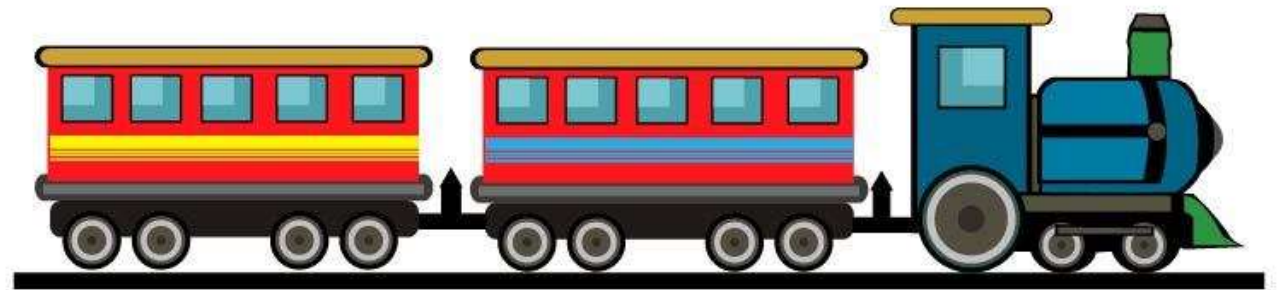
buildingSMART Summits



buildingSMART Evolution

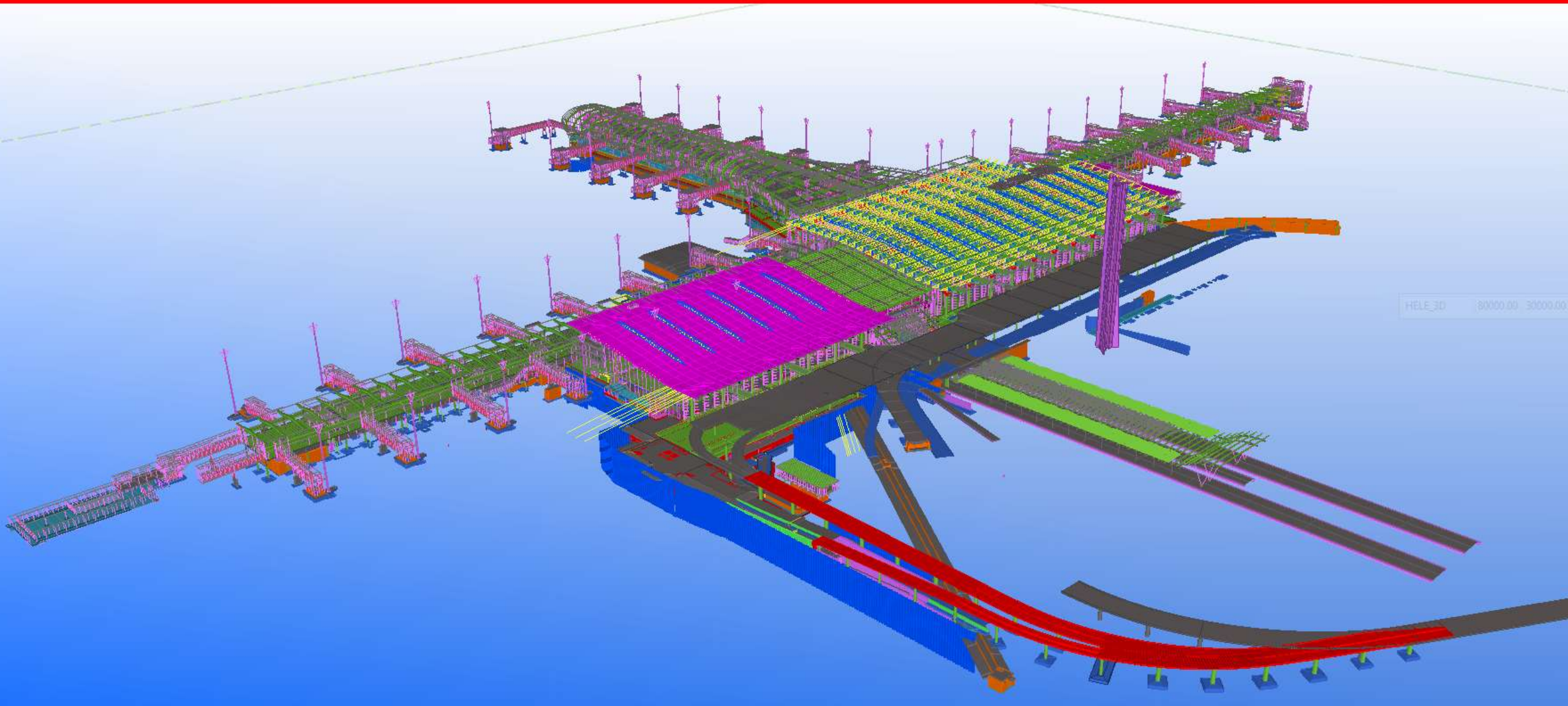


Buildings first



Now Infrastructure





HELE_3D 80000.00 30000.00

BIM & GIS...together at last!

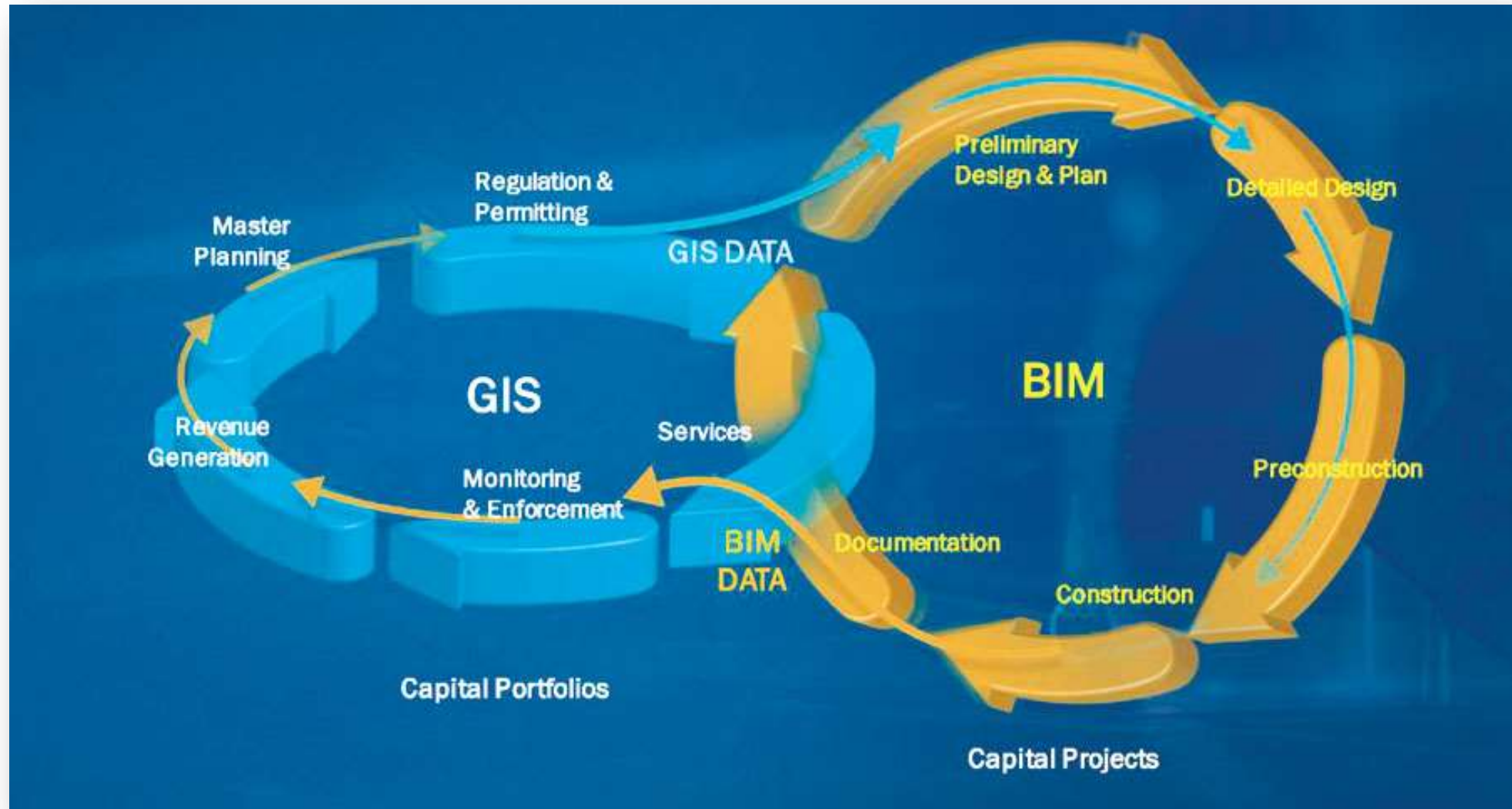


Image courtesy of Esri

Working with others



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Thank You

buildingSMART

Standard Members

